

UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555

PRIDEITY ROUTING

OCT 2 2 1985

MI.DRANDOM FOR: William Axelson, Chief Technical Inspection Branch Region III

FRQ4:

Vandy L. Miller, Chief Material Licensing Branch Division of Fuel Cycle and Material Safety

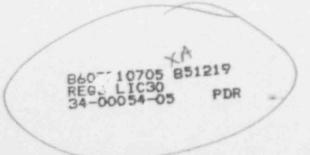
SUBJECT:

REQUEST BY GENERAL ELECTRIC COMPANY TO DISPOSE OF KEYPTON-85 AND PROMETHING-147 FURSUANT TO 10 CFR 20.302

This refers to your Technical Assistance Request dated August 15, 1985, requesting guidance on a General Electric request to dispose of scrap glow switches containing krypton-85 and promethium-147 without regard to their radioactivity.

Considering the activity of the krypton-85 involved, General Electric could be allowed to crush the scrap tubes in a well-ventilated area, ensuring that the krypton-85 does not exceed the concentration for unrestricted areas as specified in 10 CFR 20.106 and then dispose of the scrap as non-radioactive waste. However, the promethium-147 tubes are still to be considered as radioactive waste and must be disposed of in accordance with Section 20.301 of 10 CFR Part 20.

Nandy L, Milter, Chief Naterial Licensing Branch Division of Fuel Cycle and Material Safety



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